

# SAFETY DATA SHEET

MULTIFAST BLACK



## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Product name** : MULTIFAST BLACK  
**Cat. No.** : 40100064, 40100065, 40100066, 40100067  
**Container size** : 2.5 kg, 7.5 kg, 25 kg, 75 kg  
**Product type** : Powder.  
**Other means of identification** : Not available.

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Product use** : For embedding of materialographic specimens.  
**Area of application** : Professional applications.

#### Uses advised against

None identified.

### 1.3 Details of the supplier of the safety data sheet

Struers ApS  
Pederstrupvej 84  
DK-2750 Ballerup

Telephone: +45 44 600 800

**e-mail address of person responsible for this SDS** : sdsquestions@struers.dk

### 1.4 Emergency telephone number

#### National advisory body/Poison Centre

**Telephone number** : 2122 4071

#### Supplier

**Telephone number** : +45 44 600 800 (Only during office hours)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Product definition** : Mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Not classified.

The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 11 for more detailed information on health effects and symptoms.

### 2.2 Label elements

**Signal word** : No signal word.

**Hazard statements** : No known significant effects or critical hazards.

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## SECTION 2: Hazards identification

### Precautionary statements

**Prevention** : Not applicable.  
**Response** : Not applicable.  
**Storage** : Not applicable.  
**Disposal** : Not applicable.  
**Supplemental label elements** : Contains methenamine. May produce an allergic reaction.  
Safety data sheet available on request.  
**Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles** : Not applicable.

### Special packaging requirements

**Containers to be fitted with child-resistant fastenings** : Not applicable.  
**Tactile warning of danger** : Not applicable.

### 2.3 Other hazards

**Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII** : This mixture does not contain any substances that are assessed to be a PBT or a vPvB.  
**Product meets the criteria for endocrine disrupting properties according to Regulation (EC) No. 1907/2006.** : ☒ No.  
**Other hazards which do not result in classification** : ☒ May form explosible dust-air mixture if dispersed.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures : Mixture

| Product/ingredient name | Identifiers                                                                           | %        | Classification                                                                                                        | Specific Conc. Limits, M-factors and ATEs | Type |
|-------------------------|---------------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------|
| methenamine             | REACH #:<br>01-2119474895-20<br>EC: 202-905-8<br>CAS: 100-97-0<br>Index: 612-101-00-2 | ≥5 - ≤10 | Flam. Sol. 2, H228<br>Skin Sens. 1B, H317<br><br>See Section 16 for the full text of the H statements declared above. | -                                         | [1]  |

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

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## SECTION 3: Composition/information on ingredients

### Type

[1] Substance classified with a health or environmental hazard

Occupational exposure limits, if available, are listed in Section 8.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
- Ingestion** : Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.

### 4.2 Most important symptoms and effects, both acute and delayed

#### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
irritation  
redness
- Inhalation** : Adverse symptoms may include the following:  
respiratory tract irritation  
coughing
- Skin contact** : No specific data.
- Ingestion** : No specific data.

### 4.3 Indication of any immediate medical attention and special treatment needed

- Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Specific treatments** : No specific treatment.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Suitable extinguishing media** : Use dry chemical powder.
- Unsuitable extinguishing media** : Do not use water jet.

### 5.2 Special hazards arising from the substance or mixture

- Hazards from the substance or mixture** : May form explosible dust-air mixture if dispersed.



## SECTION 5: Firefighting measures

**Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
nitrogen oxides  
formaldehyde

### 5.3 Advice for firefighters

**Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Put on appropriate personal protective equipment.

**For emergency responders** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

### 6.2 Environmental precautions

: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### 6.3 Methods and material for containment and cleaning up

**Small spill** : Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor. Absorb spill with inert material (e.g. dry sand or earth) and place in a chemical waste container.

**Large spill** : Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labelled waste container. Avoid creating dusty conditions and prevent wind dispersal. Dispose of via a licensed waste disposal contractor.

### 6.4 Reference to other sections

: See Section 1 for emergency contact information.  
See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

### 7.3 Specific end use(s)

- Recommendations** : Not available.
- Industrial sector specific solutions** : Not available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limits

No exposure limit value known.

#### Biological exposure indices

No exposure indices known.

- Recommended monitoring procedures** : Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

#### DNELs/DMELs

| Product/ingredient name | Result |
|-------------------------|--------|
|-------------------------|--------|

## SECTION 8: Exposure controls/personal protection

 methenamine

**DNEL - General population - Long term - Oral** Effects: Systemic  
0.8 mg/kg bw/day

**DNEL - General population - Long term - Inhalation** Effects: Systemic  
1.2 mg/m<sup>3</sup>

**DNEL - General population - Long term - Dermal** Effects: Systemic  
3.2 mg/kg bw/day

**DNEL - Workers - Long term - Inhalation** Effects: Systemic  
5.6 mg/m<sup>3</sup>

**DNEL - Workers - Long term - Dermal** Effects: Systemic  
6.4 mg/kg bw/day

### PNECs

Not available.

### 8.2 Exposure controls

**Appropriate engineering controls** : Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapour or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields. If operating conditions cause high dust concentrations to be produced, use dust goggles.

### Skin protection

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.  
Recommended: Nitrile gloves.  
Breakthrough time: 480 minutes  
thickness: 0.4 mm

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

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## SECTION 8: Exposure controls/personal protection

- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. Recommended: (as filter combination A2/P2)
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### 9.1 Information on basic physical and chemical properties

#### Appearance

- Physical state** : Solid. [Powder.]
- Colour** : Black.
- Odour** : Phenolic.
- Odour threshold** : Not available.
- Melting point/freezing point** : Not available.
- Boiling point or initial boiling point and boiling range** : Not available.
- Flammability** : Non-flammable.
- Lower and upper explosion limit** : Not applicable.
- Flash point** : Not applicable.
- Auto-ignition temperature** : Not applicable.
- Decomposition temperature** : Not available.
- pH** : Not available.
- Viscosity** : Dynamic (room temperature): Not applicable.  
Kinematic (room temperature): Not applicable.  
Kinematic (40°C): Not applicable.

|                   |              |               |
|-------------------|--------------|---------------|
| <b>Solubility</b> | <b>Media</b> | <b>Result</b> |
|                   | water        | Not soluble   |

- Solubility in water** : Not available.
- Partition coefficient n-octanol/ water (log Pow)** : Not applicable.
- Vapour pressure** : Not available.
- Relative density** : Not available.
- Relative vapour density** : Not applicable.

#### Particle characteristics

- Median particle size** : Not available.

### 9.2 Other information



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## SECTION 9: Physical and chemical properties

### 9.2.1 Information with regard to physical hazard classes

**Explosive properties** : Not available.

**Oxidising properties** : Not oxidising

### 9.2.2 Other safety characteristics

**Miscible with water** : No.

**Physical/chemical properties comments** : VOC content: <10 g/l (calculated)

## SECTION 10: Stability and reactivity

**10.1 Reactivity** : No specific test data related to reactivity available for this product or its ingredients.

**10.2 Chemical stability** : The product is stable.

**10.3 Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.  
Under normal conditions of storage and use, hazardous polymerisation will not occur.

**10.4 Conditions to avoid** : Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Prevent dust accumulation.

**10.5 Incompatible materials** : Reactive or incompatible with the following materials:  
oxidising materials  
acids

**10.6 Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

**Product/ingredient name**

methenamine

**Result**

**Rat - Male, Female - Dermal - LD50** OECD 402 [Acute Dermal Toxicity]  
>2000 mg/kg

**Rat - Oral - LD50**  
>20000 mg/kg

**Conclusion/Summary [Product]** : Not available.

**Acute toxicity estimates**

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## SECTION 11: Toxicological information

| Product/ingredient name | Oral (mg/kg) | Dermal (mg/kg) | Inhalation (gases) (ppm) | Inhalation (vapours) (mg/l) | Inhalation (dusts and mists) (mg/l) |
|-------------------------|--------------|----------------|--------------------------|-----------------------------|-------------------------------------|
| MULTIFAST BLACK         | 27824.2      | 175292.2       | N/A                      | 834.7                       | N/A                                 |

### Skin corrosion/irritation

Conclusion/Summary [Product] : Not available.

### Serious eye damage/eye irritation

Conclusion/Summary [Product] : Not available.

### Respiratory corrosion/irritation

Conclusion/Summary [Product] : Not available.

### Respiratory or skin sensitization

Product/ingredient name

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Result

Guinea pig - skin

Result: Not sensitizing

### Skin

Conclusion/Summary [Product] : Not classified as dangerous

### Respiratory

Conclusion/Summary [Product] : Not available.

### Germ cell mutagenicity

Conclusion/Summary [Product] : Not available.

### Carcinogenicity

Conclusion/Summary [Product] : Not available.

### Reproductive toxicity

Conclusion/Summary [Product] : Not available.

### Specific target organ toxicity (single exposure)

Not available.

### Specific target organ toxicity (repeated exposure)



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## SECTION 11: Toxicological information

Not available.

### Aspiration hazard

Not available.

### Information on likely routes of exposure

Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.

### Potential acute health effects

- Eye contact** : Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
- Inhalation** : Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : Adverse symptoms may include the following:  
irritation  
redness
- Inhalation** : Adverse symptoms may include the following:  
respiratory tract irritation  
coughing
- Skin contact** : No specific data.
- Ingestion** : No specific data.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

#### Short term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

#### Long term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

### Potential chronic health effects

| Product/ingredient name | Result                                              |
|-------------------------|-----------------------------------------------------|
| Methenamine             | Chronic - Rat - Oral - NOAEL<br>100 mg/kg [90 days] |

**Conclusion/Summary [Product]** : Not available.

- General** : Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
- Carcinogenicity** : No known significant effects or critical hazards.
- Mutagenicity** : No known significant effects or critical hazards.
- Reproductive toxicity** : No known significant effects or critical hazards.

## 11.2 Information on other hazards

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## SECTION 11: Toxicological information

### 11.2.1 Endocrine disrupting properties

Not available.

**Conclusion/Summary [Product]** : No known significant effects or critical hazards.

### 11.2.2 Other information

Not available.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Product/ingredient name

methenamine

#### Result

**Acute - EC50 - Fresh water**

Effect: Intoxication

Daphnia - Water flea - *Daphnia magna*

Age: 1 to 3 days

36 g/l [48 hours]

**Acute - LC50 - Marine water**

Effect: Mortality

Fish - Sheepshead minnow -

*Cyprinodon variegatus*

49 g/l [96 hours]

**Conclusion/Summary [Product]** : Not available.

### 12.2 Persistence and degradability

#### Product/ingredient name

methenamine

#### Result

**Aerobic**

35% [28 days] - Not readily

OECD 301D [ Ready Biodegradability - Closed Bottle Test]

**Conclusion/Summary [Product]** : Not available.

| Product/ingredient name | Aquatic half-life | Photolysis | Biodegradability |
|-------------------------|-------------------|------------|------------------|
| methenamine             | -                 | -          | Not readily      |

### 12.3 Bioaccumulative potential

| Product/ingredient name | LogP <sub>ow</sub> | BCF | Potential |
|-------------------------|--------------------|-----|-----------|
| methenamine             | -2.18              | -   | Low       |

### 12.4 Mobility in soil

#### Soil/water partition coefficient

| Product/ingredient name | logK <sub>oc</sub> | K <sub>oc</sub> |
|-------------------------|--------------------|-----------------|
| methenamine             | 2.1                | 132.233         |

#### Results of PMT and vPvM assessment

| Product/ingredient name | PMT | P   | M   | T  | vPvM | vP  | vM |
|-------------------------|-----|-----|-----|----|------|-----|----|
| methenamine             | No  | N/A | Yes | No | No   | N/A | No |

**Mobility** : Not available.

**Conclusion/Summary** : The product does not meet the criteria to be considered as a PMT or vPvM.

### 12.5 Results of PBT and vPvB assessment

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## SECTION 12: Ecological information

### Regulation (EC) No. 1907/2006 [REACH]

| Product/ingredient name                                                                       | PBT | P   | B   | T  | vPvB | vP  | vB  |
|-----------------------------------------------------------------------------------------------|-----|-----|-----|----|------|-----|-----|
|  methenamine | No  | N/A | N/A | No | N/A  | N/A | N/A |

### Regulation (EC) No. 1272/2008 [CLP]

| Product/ingredient name                                                                       | PBT | P   | B   | T  | vPvB | vP  | vB  |
|-----------------------------------------------------------------------------------------------|-----|-----|-----|----|------|-----|-----|
|  methenamine | No  | N/A | N/A | No | N/A  | N/A | N/A |

**Conclusion/Summary** :  The product does not meet the criteria to be considered as a PBT or vPvB.

**Regulation (EC) No. 1272/2008 [CLP]**

### 12.6 Endocrine disrupting properties

Not available.

**Conclusion/Summary [Product]** : No known significant effects or critical hazards.

### 12.7 Other adverse effects

No known significant effects or critical hazards.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

**Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

**Hazardous waste** :  Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.

#### European waste catalogue (EWC)

| Waste code                                                                                   | Waste designation                                                                |
|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
|  16 05 09 | discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08 |

#### Packaging

**Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

| Type of packaging                                                                          | European waste catalogue (EWC) |
|--------------------------------------------------------------------------------------------|--------------------------------|
|  Bucket | 15 01 02 plastic packaging     |

**Special precautions** : This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.



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## SECTION 14: Transport information

|                                 | ADR/RID        | ADN            | IMDG           | IATA           |
|---------------------------------|----------------|----------------|----------------|----------------|
| 14.1 UN number or ID number     | Not regulated. | Not regulated. | Not regulated. | Not regulated. |
| 14.2 UN proper shipping name    | -              | -              | -              | -              |
| 14.3 Transport hazard class(es) | -              | -              | -              | -              |
| 14.4 Packing group              | -              | -              | -              | -              |
| 14.5 Environmental hazards      | No.            | No.            | No.            | No.            |

**14.6 Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**14.7 Maritime transport in bulk according to IMO instruments** : Not available.

## SECTION 15: Regulatory information

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

| Product/ingredient name | %        | Designation [Usage]                                                                                                                                                                                                                                                                                                           |
|-------------------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| methenamine             | ≥5 - ≤10 | 40 [In aerosol generators for entertainment and decorative purposes such as the following: metallic glitter intended mainly for decorations; artificial snow and frost; 'whoopie' cushions; silly string aerosols; imitation excrement; horn for parties; decorative flakes and foams; artificial cobwebs; stink bombs; etc.] |
| formaldehyde            | <0.1     | 72                                                                                                                                                                                                                                                                                                                            |

**Labelling** : Not applicable.

Other EU regulations



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## SECTION 15: Regulatory information

**Explosive precursors** : This product is regulated by Regulation (EU) 2019/1148. All suspicious transactions, and significant disappearances and thefts should be reported to the relevant national contact point.

**Ozone depleting substances (EU 2024/590)**

Not listed.

**Prior Informed Consent (PIC) (649/2012/EU)**

Not listed.

**Persistent Organic Pollutants**

Not listed.

**Seveso Directive**

This product is not controlled under the Seveso Directive.

**International regulations**

**Chemical Weapon Convention List Schedules I, II & III Chemicals**

Not listed.

**Montreal Protocol**

Not listed.

**Stockholm Convention on Persistent Organic Pollutants**

Not listed.

**Rotterdam Convention on Prior Informed Consent (PIC)**

Not listed.

**UNECE Aarhus Protocol on POPs and Heavy Metals**

Not listed.

**15.2 Chemical safety assessment** :  The supplier has not performed a chemical safety assessment for the substance/product.

## SECTION 16: Other information

 Indicates information that has changed from previously issued version.

**Abbreviations and acronyms**

: ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway  
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road  
ATE = Acute Toxicity Estimate  
B = Bioaccumulative  
BCF = Bioconcentration Factor  
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
DMEL = Derived Minimal Effect Level  
DNEL = Derived No Effect Level  
EUH statement = CLP-specific Hazard statement  
IATA = International Air Transport Association  
IMDG = International Maritime Dangerous Goods  
IMO = International Maritime Organization  
M = Mobile  
N/A = Not available  
P = Persistent

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## SECTION 16: Other information

PBT = Persistent, Bioaccumulative and Toxic  
PMT = Persistent, Mobile and Toxic  
PNEC = Predicted No Effect Concentration  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SGG = Segregation Group  
T = Toxic  
vB = Very Bioaccumulative  
vM = Very Mobile  
vP = Very Persistent  
vPvB = Very Persistent and Very Bioaccumulative  
vPvM = Very Persistent and Very Mobile

**Key literature references and sources for data** : Regulation (EC) No. 1272/2008 [CLP]; European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), concluded in Geneva on 30 September 1957 plus amendments (Uniform text: Journal of Laws 27/2009 pos. 162 plus amendments); European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN); Occupational exposure limits; International regulations

### Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Not classified.

### Full text of abbreviated H statements

|              |                                                          |
|--------------|----------------------------------------------------------|
| H228<br>H317 | Flammable solid.<br>May cause an allergic skin reaction. |
|--------------|----------------------------------------------------------|

### Full text of classifications [CLP/GHS]

|                               |                                                                   |
|-------------------------------|-------------------------------------------------------------------|
| Flam. Sol. 2<br>Skin Sens. 1B | FLAMMABLE SOLIDS - Category 2<br>SKIN SENSITISATION - Category 1B |
|-------------------------------|-------------------------------------------------------------------|

**Training advice** : Ensure operatives are trained to minimise exposures. Training staff on good practice.

**Date of issue/ Date of revision** : 20/03/2026

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### Notice to reader

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Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

